Cheng-Wei Yang

List of Publications by Year
in descending order

31	968	394286 19	477173 29
papers	citations	h-index	g-index

34	34	34	1358
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of phenanthroindolizines and phenanthroquinolizidines as novel potent anti-coronaviral agents for porcine enteropathogenic coronavirus transmissible gastroenteritis virus and human severe acute respiratory syndrome coronavirus. Antiviral Research, 2010, 88, 160-168.	1.9	86
2	Anti-Inflammatory Mechanisms of Phenanthroindolizidine Alkaloids. Molecular Pharmacology, 2006, 69, 749-758.	1.0	80
3	Expedient synthesis and structureâ€“activity relationships of phenanthroindolizidine and phenanthroquinolizidine alkaloids. Organic and Biomolecular Chemistry, 2006, 4, 860.	1.5	67
4	Discovery of selective inhibitors of Glutaminase-2, which inhibit mTORC1, activate autophagy and inhibit proliferation in cancer cells. Oncotarget, 2014, 5, 6087-6101.	0.8	63
5	Targeting Coronaviral Replication and Cellular JAK2 Mediated Dominant NF-ÎºB Activation for Comprehensive and Ultimate Inhibition of Coronaviral Activity. Scientific Reports, 2017, 7, 4105.	1.6	57
6	Repurposing old drugs as antiviral agents for coronaviruses. Biomedical Journal, 2020, 43, 368-374.	1.4	54
7	Tylophorine arrests carcinoma cells at G1 phase by downregulating cyclin A2 expression. Biochemical and Biophysical Research Communications, 2009, 386, 140-145.	1.0	51
8	Anti-inflammatory effects of 7-methoxycryptopleurine and structureâ€“activity relations of phenanthroindolizidines and phenanthroquinolizidines. Biochemical and Biophysical Research Communications, 2007, 354, 942-948.	1.0	48
9	Synthesis and Biological Evaluation of Tylophorine-Derived Dibenzoquinolines as Orally Active Agents: Exploration of the Role of Tylophorine E Ring on Biological Activity. Journal of Medicinal Chemistry, 2012, 55, 10363-10377.	2.9	47
10	c-Jun-mediated anticancer mechanisms of tylophorine. Carcinogenesis, 2013, 34, 1304-1314.	1.3	46
11	Cytotoxic Flavonoids from the Leaves of Cryptocarya chinensis. Journal of Natural Products, 2010, 73, 1470-1475.	1.5	44
12	Cytotoxic alkyl benzoquinones and alkyl phenols from Ardisia virens. Phytochemistry, 2009, 70, 2064-2071.	1.4	42
13	Isolation and Biological Activities of Phenanthroindolizidine and Septicine Alkaloids from the FormosanTylophora ovata. Planta Medica, 2011, 77, 1932-1938.	0.7	32
14	Design, Synthesis, and Evaluation of Thiazolidine-2,4-dione Derivatives as a Novel Class of Glutaminase Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 5599-5612.	2.9	30
15	Cytotoxic Sesquiterpenes from Magnolia kachirachirai. Chemistry and Biodiversity, 2010, 7, 2737-2747.	1.0	29
16	The cardenolide ouabain suppresses coronaviral replication via augmenting a Na+/K+-ATPase-dependent PI3K_PDK1 axis signaling. Toxicology and Applied Pharmacology, 2018, 356, 90-97.	1.3	27
17	Targeting a ribonucleoprotein complex containing the caprin-1 protein and the c-Myc mRNA suppresses tumor growth in mice: an identification of a novel oncotarget. Oncotarget, 2015, 6, 2148-2163.	0.8	24
18	Identification of anti-viral activity of the cardenolides, Na + /K + -ATPase inhibitors, against porcine transmissible gastroenteritis virus. Toxicology and Applied Pharmacology, 2017, 332, 129-137.	1.3	24

#	Article	IF	Citations
19	Tylophorine-based compounds are therapeutic in rheumatoid arthritis by targeting the caprin-1 ribonucleoprotein complex and inhibiting expression of associated c-Myc and HIF-1Î±. Pharmacological Research, 2020, 152, 104581.	3.1	21
20	Inhibition of SARS-CoV-2 by Highly Potent Broad-Spectrum Anti-Coronaviral Tylophorine-Based Derivatives. Frontiers in Pharmacology, 2020, 11, 606097.	1.6	17
21	Novel Small-Molecule Inhibitors of Transmissible Gastroenteritis Virus. Antimicrobial Agents and Chemotherapy, 2007, 51, 3924-3931.	1.4	16
22	Cytotoxic cardenolide glycosides from the root of Reevesia formosana. Phytochemistry, 2013, 87, 86-95.	1.4	16
23	Remdesivir and Cyclosporine Synergistically Inhibit the Human Coronaviruses OC43 and SARS-CoV-2. Frontiers in Pharmacology, 2021, 12, 706901.	1.6	16
24	Secondary Metabolites from the Leaves of Litsea lii var. nunkaoâ€tahangensis. Helvetica Chimica Acta, 2008, 91, 1036-1044.	1.0	11
25	Natural cardenolides suppress coronaviral replication by downregulating JAK1 via a Na+/K+-ATPase independent proteolysis. Biochemical Pharmacology, 2020, 180, 114122.	2.0	10
26	Analogues of 2-phenyl-ethenesulfonic acid phenyl ester have dual functions of inhibiting expression of inducible nitric oxide synthase and activating peroxisome proliferator-activated receptor Î³. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5676-5679.	1.0	6
27	The cardenolides ouabain and reevesioside A promote FGF2 secretion and subsequent FGFR1 phosphorylation via converged ERK1/2 activation. Biochemical Pharmacology, 2020, 172, 113741.	2.0	2
28	Tyrphostin AG1024 Suppresses Coronaviral Replication by Downregulating JAK1 via an IR/IGF-1R Independent Proteolysis Mediated by Ndfip1/2_NEDD4-like E3 Ligase Itch. Pharmaceuticals, 2022, 15, 241.	1.7	1
29	Analysis of the structureâ€activity relationships between phenanthroindolizidines and phenanthroquinolizidines. FASEB Journal, 2006, 20, LB108.	0.2	0
30	Discovery of novel benzoisoquinoline compounds for antiâ€coronaviruses. FASEB Journal, 2011, 25, lb149.	0.2	0
31	Exploration of the role of tylophorine E ring in antiâ€Coronavirus activityâ€Tylophorine derived dibenzoquinolines impart multiâ€biological activities as orally active agents. FASEB Journal, 2013, 27, lb71.	0.2	0